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MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA

X + 1432

Docket No.: 30910/500ANSCUS

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

22313-1450, on the date shown below.

Roberta K. Yoshida

Dated: April 18, 2005

Application No.: 09/939,408

Filed: August 24, 2001

For: PHENYLALANINE AMMONIA LYASE

POLYPEPTIDE AND POLYNUCLEOTIDE

SEQUENCES AND METHODS OF OBTAINING AND USING SAME

Confirmation No.: 5670

Art Unit: 1652

Examiner: T. Saidha

AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Final Office Action dated February 16, 2005, please amend the above-identified U.S. patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims. There are no amendments to the claims. However, for the Examiner's convenience a complete listing of claims pursuant to 37 C.F.R. §1.121, is provided beginning at page 3 of this paper.

Remarks begin on page 9 of this paper.